

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application

Listing of claims:

1. (Currently Amended) A splint for immobilizing and supporting a body part limb of a human or other body parts, said splint is made of flexible material for by covering said limb and limb articulation the body part from three sides, wherein a part of the limb remains uncovered, said splint includes comprises:
  - a) inflatable tubes interconnected by non-inflatable parts for achieving variable degrees of support, stiffness and restriction of movement, said tubes and non-inflatable parts being made of a flexible material having two opposed edges, said splint being constructed to be wrapped around the body part in a circumferential direction, each of said non-inflatable parts being located to extend between two of said inflatable tubes, and said tubes and said non-inflatable parts extending in a direction transverse to the circumferential direction;
  - b) ventilation holes for skin ventilation contained in, and extending through, the non-inflatable parts;
  - c) at least one gas pressure source device connected to said splint; and
  - d) at least one adjustable surface member for connecting said splint edges together;
  - e) at least one loop connected to the edge of said splint for suspension purposes. wherein the inflated structure of the said splint, when said inflatable tubes are inflated, fits the structure of the appropriate body part for the purpose of

stabilizing and providing support to the patient's body part and its articulations in varying degrees of rigidity and in particular positions.

2. (Currently amended) The splint according to claim 1, wherein the said at least one adjustable straps are member is a strap made of Velcro.

3. (Withdrawn-Currently amended) The splint according to claim 1, wherein said splint is designed to wrap the body part is the torso, taking into account the structure of the body and its curves for maximum compatibility.

4. (Withdrawn-Currently amended) The splint according to claim 1, wherein said splint is designed to wrap to the body part is the neck, taking into account the neck's curves and structure for maximum compatibility.

5. (Withdrawn-Currently amended) The splint according to claim 1, wherein said splint is designed to wrap the body part is composed of the leg, the foot, the ankle and the heel of the patient, taking into account the leg's curves and structure for maximum compatibility and preventing pressure on the heel.

6. (Withdrawn-Currently amended) The splint according to claim 1, wherein said splint is designed to wrap the body part is the arm, and said splint is constructed to fit the shoulder structure, and to support the palm taking into account the arm's curves and structure for maximum compatibility and immobilizing the shoulder joints or upper and lower arm in any desired position.

7. (Original) The splint according to claim 1, wherein said splint is made of two nylon layers joined together by soldering means.

8. (Original) The splint according to claim 1, wherein said splint is made of two nylon layers which are coated with polyurethane.

9. (Currently amended) The splint according to claim 1, wherein the body part is a limb having a limb articulation and movement, rigidity and stabilization of said limb articulation is controlled by the degree of air pressure in said splint.

10. (Original) The splint according to claim 1, wherein the pressure source device is a hand pump.

11. (Currently amended) The splint according to claim 1 wherein in the inflated state the splint takes up the shape of the body part ~~for which it was designed.~~

12. (Currently amended) The splint according to claim 1 wherein the tightness of the splint on the body part is controlled by the fastening or loosening of the ~~Velcro~~ straps at least one adjustable member.

13. (Original) The splint according to claim 1 further including a suspension strap.

14. (Original) The splint according to claim 1 wherein pressure within the splint is controlled by a valve.

15. (Currently amended) The splint according to claim 1 wherein the adjustable strapmember is detachable.
16. (New) The splint according to claim 1, further comprising at least one loop connected for suspension purposes.
17. (New) The splint according to claim 16, wherein said at least one loop is connected at one of said edges.
18. (New) The splint according to claim 12, wherein said at least one adjustable member is a strap made of Velcro.
19. (New) The splint according to claim 1, wherein said non-inflatable parts extend only in the direction transverse to the circumferential direction.